Monday, February 12

001-012: VIPER (Sports Medicine I Papers)
8:00 AM - 9:30 AM • West, Room 2007
  9:02 AM - 9:06 AM
  010: Evaluating Disparities in Access to Surgical Management for Symptomatic Rotator Cuff Tears: A National Database Study
  BS Siddiq, CT Eberlin, K Torabian, MS; Kieran Dowley, MC Dean, NJ Cherian, SD Martin, S Gillinov, ZL Laporte

Symposium B (Practice Management/Rehabilitation)
The Pros and Cons of Gain-Sharing between Hospitals and Orthopaedic Surgeons – Is the Juice Worth the Squeeze?
8:00 AM - 9:30 AM • South, Esplanade Ballroom 153
  Potential Gains from and Barriers to Aligning Interests between Hospitals and Orthopaedic Surgeons
  JP Warner

122: ICL 1.5-Hour (Basic Research)
Cannabinoids and Orthopaedic Surgery: What We Know and Future Directions
11:00 AM - 12:30 PM • West, Room 3014
  Moderator: H Fogel

128: ICL 1.5-Hour (Shoulder & Elbow)
The Scapula: The Greater Masquerader of Shoulder Pathologies
11:00 AM - 12:30 PM • West, Room 2002
  Scapulothoracic Abnormal Motion: How to Recognize, Evaluate, and Treat this Pathology
  BT Elhassan
  History of Scapular Disorders & Treatment Evolution
  JP Warner

037-048: VIPER: Musculoskeletal Oncology I Papers
11:00 AM - 12:30 PM • South, Esplanade Ballroom 153
  11:00 AM - 11:04 AM
  037: Pediatric Axial Ewing Sarcoma: A Retrospective Population-Based Survival Analysis
  A Didier, BA Hoffman, C Sanford, SA Lozano Calderon

  11:37 AM - 11:41 AM
  043: Systemic Therapy in Metastatic Long-Bone Disease: How do Treatment Patterns Influence Survival Prediction by the Skeletal Oncology Research Group Algorithm?

  11:41 AM - 11:45 AM
  044: An External Validation of the Pathologic Fracture Morbidity Index
  AS Levin, A Sodhi, JO Werenski, M Su, MJ Clunk, N Bell; OQ Groot, R Krueger; SA Lozano Calderon

061-072: VIPER (Practice Management/Rehab I Papers)
1:30 PM - 3:00 PM • West, Room 2001
  2:04 PM - 2:08 PM
  A Buddhiraju, H Seo, J Ho Gong, MR Shimizu, M Rezazadehsaatlou, Shane C, T Lin-Wei Chen, YM Kwon

147: ICL 1.5-Hour (Spine)
Avoiding Pitfalls in Adult Spinal Deformity
1:30 PM - 3:00 PM • South, Room 201
  Moderator: S Hershman
Tuesday, February 13

209: ICL 1.5-Hour (Practice Management/Rehabilitation)
When the Physician Becomes the Patient: Considerations for Work, Life, and Leadership
8:00 AM - 9:30 AM • West, Room 3014
Moderator: MJ Tanaka
What are the Departmental/Employer Considerations when a Physician or Staff Member has a Medical Issue and the Resources that are Available for them
C Bono

097-108: VIPER (Trauma II Papers)
11:00 AM - 12:30 PM • West, Room 2020
11:09 AM - 11:08 AM
099: Low-Dose Short-Term Scheduled Ketorolac Reduces Opioid Use and Pain in Orthopaedic Polytrauma Patients: A Randomized Clinical Trial
A Aneja, CR Sneed, D Kinchelow, DC Landy, GS Hawk, JT Griffin, JA Foster, MW Kavolus, RW Pectol

109-120 and 503: VIPER (Shoulder and Elbow I Papers)
1:30 PM - 3:00 PM • South, Esplanade Ballroom 155
2:03 PM - 2:07 PM
114: A Preoperative Risk Assessment Tool for Predicting Hospital Readmission or Adverse Postoperative Outcomes among Shoulder Arthroplasty Patients

Wednesday, February 14

309: ICL 1.5-Hour (Shoulder and Elbow)
Emerging Treatment Options for Massive Rotator Cuff Tears
8:00 AM - 9:30 AM • West, Room 3001
BT Elhassan

181-192: VIPER (Adult Reconstruction Hip II Papers)
11:00 AM - 12:30 PM • West, Room 2007
11:12 AM - 11:16 AM
184: Does Surgical Approach Affect Outcomes after Hemiarthroplasty for Femoral Neck Fractures?

169-180: VIPER (Sports Medicine II Papers)
11:00 AM - 12:30 PM • West, Room 2001
12:06 PM - 12:10 PM
179: Bone Marrow Aspirate Concentrate is Associated with Greater Improvements in Functional Outcomes in Patients with Chondrolabral Junction Breakdown: A Case-Control Study
BS Siddiq, K Torabian, K Dowley, MC Dean, NJ Cherian, SD Martin, S Gillinov, ZL Laporte

217-228: VIPER (Adult Reconstruction Hip III Papers)
1:30 PM - 3:00 PM • West, Room 2001
2:03 PM - 2:07 PM
222: Minimum 10-Year Follow Up of Vitamin-E Diffused and Highly Crosslinked Polyethylene Liners in Total Hip Arthroplasty: Comparative Evaluation from a Prospective, International, Multicenter Study of 977 Patients
AZ Blackburn, A Troelsen, A Prasad, AK Collins, CM Nepple, CM Melnic, C Wixted, HS Bedair, H Malchau, JI Huddleston, MB Laursen, N Sauder, OK Muratoglu
229-240: VIPER (Hand and Wrist I Papers)
1:30 PM - 3:00 PM • West, Room 2020
1:59 PM - 2:03 PM
233: Using Drawing to Evaluate Functionality in Patients with Hand and Wrist Pathology
A Bhashyam, CL Laane, J Chandra, M Stam, NC Chen, NF Yu, OY Shen, Z Shang

Thursday, February 15

277-288: VIPER (Hand and Wrist II Papers)
8:00 AM - 9:30 AM • South, Esplanade Ballroom 153
8:58 AM - 9:02 AM
285: Etiology of Extensor Pollicis Longus Ruptures after Distal Radius Fracture Fixation Using a Volar Plate
A Bhashyam, A Dijkmans, CL Laane, CJ Messinger, M Wijffels, NC Chen

407: ICL 1.5-Hour (Musculoskeletal Oncology)
If You Don’t Ask, You Don’t Get: When to Ask for Help from Plastic Surgeons in Orthopaedic Oncology and Traumatology
8:00 AM - 9:30 AM • West, Room 3014
Moderator: E Newman

Considerations and Outcomes in Staged Soft Tissue Sarcoma Resection and Free Flap Reconstruction; Soft Tissue Management and Coverage Options in Megaprothesis and Revision Arthroplasty Surgery
SA Lozano Calderon

313-324: VIPER (Foot and Ankle II Papers)
11:00 AM - 12:30 PM • South, Room 210
11:12 AM - 11:16 AM
316: Talar Neck Fractures with Associated Ipsilateral Foot and Ankle Fractures Have a Higher Risk of Avascular Necrosis
A Srinath, A Aneja, CR Sierra, C Mechas, D Kinchelow, JT Griffin, JA Foster, M Nazal

289-300: VIPER (Adult Reconstruction Hip IV Papers)
11:00 AM - 12:30 PM • South, Esplanade Ballroom 155
11:08 AM - 11:12 AM
291: Acetabular Distraction Technique for the Treatment of Chronic Pelvic Discontinuity: A Multicenter Study with Minimum 2-Year Radiographic Follow Up
CM Melnic, C Baker, G Minutillo, HS Bedair, MS Salimy, NP Sheth, PM Courtney, RA Burnett, SF Schundler, SM Sporer, WG Paprosky

157-168: VIPER (Musculoskeletal Oncology II Papers)
11:00 AM - 12:30 PM • West, Room 3000
11:33 AM - 11:37 AM
162: Debridement, Antibiotics, and Implant Retention plus in Oncologic Megaprosthesis Prosthetic Joint Infections: Similar Treatment Success Rate to Two-Stage Revision at 2 and 5 Years after Index Surgery
A Bedi, DC Karczewski, ET Newman, JP Te Velde, JI Acosta, KA Raskin, MR Gonzalez, MJ Clunk, SA Lozano Calderon

11:37 AM - 11:41 AM
163: Dual Mobility for Oncological Hip Recon: Significantly Reduced Dislocation Rates at 5 Years
A Bedi, DC Karczewski, ET Newman, KA Raskin, MR Gonzalez, ME Anderson, SA Lozano Calderon

12:10 PM - 12:14 PM
168: Wound VAC Temporization after Tumor Resection of Soft Tissue Sarcomas – A Cost Analysis in a Propensity-Score Matched Population
AS Morse, JO Werenski, MR Gonzalez, M Fourman, SA Lozano Calderon, TM De Groot

349-360: VIPER (Sports Medicine IV Papers)
1:30 PM - 3:00 PM • South, Esplanade Ballroom 155
Moderators: M Tanaka, R Ryu

445: ICL 1.5-Hour (Musculoskeletal Oncology)
Advances in Surgical Planning and Reconstruction Options of the Shoulder Girdle after Oncologic Resection
1:30 PM - 3:00 PM • South, Esplanade Ballroom 152
Scapular Reconstruction: When, Why, and How?
B Elhassan

441-448: VIPER (Trauma V Papers)
3:30 PM - 4:30 PM • South, Esplanade Ballroom 155
3:59 PM - 4:03 PM
445: Outcomes in Hip Fracture Surg in Patients Receiving Direct Oral Anticoag: Should We Delay?
DT Brameier, EH Tischler, M McTague, MJ Weaver, MB Harris, N Suneja, PT Appleton, T Ottesen

CD7: Career Development
Innovation and Entrepreneurship in Orthopaedics
3:30 PM - 4:30 PM • West, Room 3016
OK Muratoglu
457-464: VIPER (Shoulder and Elbow V Papers)
3:30 PM - 4:30 PM • West, Room 2007
  4:11 PM - 4:15 PM
  **464: Ligament Contribution to Patterns of Complex Articular Fractures of the Olecranon**
  A Bhashyam, A Arvind, CS Mudgal, CL Laane, HH De Klerk, R Garg
Specialty Day Presentations
Friday, February 16

American Orthopaedic Society of Sports Medicine (AOSSM) & American Shoulder & Elbow Surgeons (ASES) Combined Session
7:00 AM - 1:30 PM • South, Esplanade Ballroom 155
1:10 PM – 1:30PM
Combined Session Panel Discussion with Cases: What would you do with ambiguous cases.
AA Romeo, BT Elhassan, JC Patzkowski, JY Bishop, MT Freehill, RU Hartzler, SF Brockmeier

American Shoulder & Elbow Surgeons (ASES)
7:00 AM - 1:30 PM • South, Room 210
9:35 AM - 9:45 AM
Invited Talk - Artificial Intelligence: The Ultimate Disruptive Technology in Orthopaedic Surgery
JP Warner

9:45 AM - 10:10 AM
Case-Based Panel Discussion
A Miniaci, EV Cheung, JP Warner, JA Abboud, MA Frankle, P Lapner

Orthopaedic Trauma Association (OTA)/American Orthopaedic Foot & Ankle Society (AOFAS)
8:00 AM - 4:00 PM • West, Room 2020
9:35 AM - 9:45 AM
Lisfranc - Fix It
A Aneja

10:45 AM - 10:55 AM
Functional Outcomes of Primary Arthrodesis (PA) versus Open Reduction and Internal Fixation (ORIF) in the Treatment of Lisfranc Injuries
A Srinath, A Aneja, AY Albano, AN Dawson, CR Sneed, MW Kavolus, RW Pectol, TD Kalbac, ZT Gal

Low-Dose Short-Term Scheduled Ketorolac Reduces Opioid Use and Pain in Orthopaedic Polytrauma Patients: A Randomized Clinical Trial
A Anjea

Arthroscopy Association of North America (AANA)/International Society of Arthroscopy, Knee Surgery and Orthopaedic Medicine (ISAKOS)
7:00 AM - 1:50 PM • South, Room 304
65-Year-Old Female With Atraumatic Massive Cuff Tear With Pseudoparalysis: Lower Trap Transfer is the Way, Let Me Show You
8:33 AM - 8:37 AM
BT Elhassan

Introduction
11:25 AM - 11:27 AM
D Figueroa, MJ Tanaka

American Association of Hip & Knee Surgeons (AAHKS)
8:00 AM - 4:00 PM • West, Room 2001
SESSION IV: What Do You Do For This?
10:15 AM - 10:55 AM
HS Bedair, RW McCallen

Low-Dose Short-Term Scheduled Ketorolac Reduces Opioid Use and Pain in Orthopaedic Polytrauma Patients: A Randomized Clinical Trial
A Anjea

SESSION IV: What Do You Do For This?
10:15 AM - 10:55 AM
HS Bedair, RW McCallen
Orthopaedic Video Theater
OrthoLive, West Hall
Monday, February 12 • 7:00 AM – 5:00 PM

OVT117-OVT143: Sports Medicine

OVT134: Harvest and Application of Bone Marrow Aspirate Concentrate to Address Acetabular Chondral Damage During Hip Arthroscopy
C Eberlin, K Torabian, K Dowley, MC Dean, MP Kucharik, NJ Cherian, SD Martin

OVT141: Intraoperative Stretching Release of Chronic, Complete Proximal Hamstring Tendon Avulsions With Extended Retraction
C Eberlin, K Torabian, MP Kucharik, NJ Cherian, SD Martin
Adult Reconstruction Hip ePosters

Program Number: e057
Time to Achieve the Minimal Clinically Important Difference in Primary Total Hip Arthroplasty: Comparison of Anterior and Posterior Surgical Approaches
AF Chen, A Paschalidis; CM Melnic, HS Bedair, JA Dunahoe, K Alpaugh, MS Salimy, BS

Musculoskeletal Oncology ePosters

Program Number: e240
Neoplastic Pathologic Fractures are Associated with a Higher Risk of Postoperative Bleeding and Thromboembolic Events - A National Surgical Quality Improvement Program Database Study of 132,923 Patients
A Bedi, DC Karczewski, H Denwood, MR Gonzalez, SA Lozano Calderon

Program Number: e243
Patient-Reported Outcomes after Intramedullary Nailing of Oncologic Impending or Pathologic Fractures with Carbon Fiber or Titanium Implants
A Sodhi, CS Kim, JH Schwab, MR Gonzalez, RF Xu, SA Lozano Calderon, TM De Groot, V Fang

Program Number: e245
Same Day Surgery Results in Shorter Hospital Stay, Favorable Discharge Disposition, and Less Complications in Patients with Extremity Metastatic Disease
AR Lucaciu, A Bedi, JP Te Velde, JH Schwab, KA Raskin, OQ Groot, PC Jutte, SA Lozano Calderon, TM De Groot

Program Number: e248
Does Adding Calcium Sulfate Beads Lead to Higher Treatment Success Rates? A Study of 55 Patients with Oncologic Megaprostheses Prosthetic Joint Infections
ET Newman, HP Kang, JO Werenski, KA Raskin, MR Gonzalez, SA Lozano Calderon

Program Number: e252
Does Wound Vacuum-Assisted Closure Temporization Offer Similar Patient-Perceived Health and Functional Status as Single-Stage Excision after Sarcoma Resection?
JO Werenski, MR Gonzalez, M Fourman, SA Lozano Calderon, YP Hung

Program Number: e253
Development and External Validation of Machine Learning Algorithms for Survival Prediction in Undifferentiated Pleomorphic Sarcoma
A Bedi, JN Doomberg, JH Schwab, MR Gonzalez, SA Lozano Calderon, TM De Groot

Practice Management/Rehabilitation ePosters

Program Number: e311
Trends in the Adoption of Outpatient Joint Arthroplasties and Patient Risk during 2019-2021

Program Number: e318
Labral Management Technique and Operating Surgeon Drive Costs for Hip Arthroscopy: A Time-Driven Activity-Based Costing Analysis
APBDS Etges, BS Siddiq, CT Eberlin, J Lee, K Torabian, KDowley, MJ Best, MC Dean, NJ Cherian, SD Martin, S Gillinov; ZL Laporte

Program Number: e334
Preoperative Weight Loss before Total Joint Arthroplasty Using a Remote Dietitian and Mobile App: A Multicenter Randomized Control Trial
AF Chen, CM Melnic, HS Bedair, JK Lange, JE Ready, MP Jamison, MW Seward, R Iorio, VM Shah

Program Number: e335
ChatGPT and Orthopaedic Surgery: Assessing the Readability and Accuracy
A Bhashyam, JS Pratap, NC Chen, OYJ Shen, X Li

Program Number: e350
A Network Analysis Approach to Understanding Medical Claims by ChatGPT: Where is the Information Coming From?
A Bhashyam, JS Pratap, NC Chen, OYJ Shen, X Li

Program Number: e356
Artificial Intelligence in Orthopaedic Surgery: Can a Large Language Model Write a Believable Orthopaedic Journal Article?
A Bhashyam, A Alnasser, AG Von Keudell, DT Brameier, JCarnino, MJ Weaver
**Shoulder and Elbow ePosters**

Program Number: e426
Anterior Latissimus Dorsi Transfer for Irreparable Subscapularis Deficiency Restores the Anteroposterior Force Couple in a Dynamic Biomechanical Cadaveric Shoulder Model
AD Mazzocca, BT Elhassan, DP Berthold, E Obopilwe, LN Muench, MC Rupp, S Siebenlist

Program Number: e463
Three-Dimensional Scapular Orientation: A Comparison of Glenohumeral Osteoarthritis and Cuff Tear Arthropathy to the Normal Shoulder
A Jawa, BT Elhassan, DP Swanson, EA Glass, J Kirsch, PAJJ Hart, R Lohre, S Vancleef, TS Polisetty, W Bartels

Program Number: e447
Effect of Implant- and Patient-Related Factors on Risk of Dislocation after Reverse Shoulder Arthroplasty (RSA): A Study by the American Shoulder and Elbow Surgeons Multicenter Complications of RSA Research Group
R Lohre, et al.

**Spine ePosters**

Program Number: e499
No Difference Exists in Total Cost of Care Between Orthopaedic Surgeons and Neurosurgeons for Patients Undergoing Primary 1- and 2-Level Decompression and Fusion
B Hammoor, CM Bono, D Tobert, D Bernstein, H Fogel, JP Aidlen, JH Schwab, SH Hershman, TD Cha

**Sports Medicine ePosters**

Program Number: e599
Preoperative Differences in Joint Space Width Predict Early Conversion to Total Hip Arthroplasty following Hip Arthroscopy: 5-Year Outcomes
BS Siddiq, CT Eberlin, K Torabian, K Dowley, MC Dean, NJ Cherian, SD Martin, S Gillinov, ZL Laporte

Program Number: e600
Concomitant Lumbosacral Spine Pathology is Not a Contraindication for Arthroscopic Hip Preservation Surgery: A Matched Control Study Comparing Mid-Term Outcomes
BS Siddiq, CT Eberlin, K Torabian, K Dowley, MC Dean, NJ Cherian, SD Martin, S Gillinov, ZL Laporte

Program Number: e605
Hip Arthroscopy Versus Physical Therapy for the Treatment of Symptomatic Acetabular Labral Tears in Patients Older than 40 Years: A 2-Year Report of a Randomized Controlled Trial
S Siddiq, CT Eberlin, J Lee, K Torabian, K Dowley, MC Dean, NJ Cherian, SD Martin, S Gillinov; ZL Laporte

**ePoster Presentation**

Monday, February 12
10:00 AM - 10:30 AM

**eP05-eP08: Practice Management/Rehabilitation ePoster Presentations**

Program Number: eP06
Artificial Intelligence in Orthopaedic Surgery: Can a Large Language Model Write a Believable Orthopaedic Journal Article?
A Bhashyam, A Alnasser, AG Von Keudell, DT Brameier, J Carnino, MJ Weaver
Monday

**Shoulder and Elbow Poster Session 1**

Program Number: P086
Low Success Rate of Closed Reductions when Treating Dislocations after Reverse Shoulder Arthroplasty: A Study by the ASES Complications of Reverse Shoulder Arthroplasty Multicenter Research Group
R Lohre, et al.

**Sports Medicine Poster Session 1**

Program Number: P112
Chondrolabral Junction Breakdown Predicts Conversion to Total Hip Arthroplasty after Hip Arthroscopy for Symptomatic Labral Tears: Mean 11-Year Follow Up
CT Eberlin, K Torabian, K Dowley, MC Dean, MP Kucharik, NJ Cherian, SD Martin, S Gillinov, ZL Laporte

**Trauma Poster Session 1**

Program Number: P127
Financial Burden of Orthopaedic Trauma: A Prospective Study
A Bhashyam, A Alnasser, AG Von Keudell, DT Brameier, MJ Weaver

Tuesday

**Foot and Ankle Poster Session 2**

Program Number: P179
Normal Variations in Lisfranc 3D Weight-Bearing Computed Tomography Assessment and Determining a Threshold for Instability
AF Flaherty, L Bejarano-Pineda, N Ranganathan, S Ashkani Esfahani

**Hand and Wrist Poster Session 2**

Program Number: P181
Incidence of Extensor Pollicis Longus Damage Occurring at the Time of Acute Distal Radius Fracture
A Huang, CL Laane, J Husseini, A Stam, NC Chen, R Balza

Musculoskeletal Oncology Poster Session 2

Program Number: P194
Revision of the Katagiri Tumor Histology Grouping for Patients with Metastatic Bone Disease: A Retrospective Study of 495 Patients

Pediatrics Poster Session 2

Program Number: P198
Identifying Risk Factors and Clinical Indications of Physical Abuse in Children: A Systematic Review
AF Flaherty, AR Lucaciu, K Mirochnik, L Bejarano-Pineda, N Nassour, S Ghandour, S Ashkani Esfahani, MD

Shoulder and Elbow Poster Session 2

Program Number: P218
Implant and Patient Factors Predictive of Acromial Stress Fractures after Reverse Shoulder Arthroplasty (RSA): A Study by the ASES Complications of RSA Multicenter Research Group
R Lohre, et al.

Trauma Poster Session 2

Program Number: P253
Hawkins Sign of the Talus: The Impact of Patient Factors on Prediction Accuracy
A Srinath, A Aneja, C Mechas, DC Landy, JT Griffin, M Nazal

Guest Nation - Chile Posters

Program Number: P270
An International Consensus based on the Delphi Method to Define Failure of Medical Treatment in Pyogenic Spinal Infections
AG Guerrero Olivos, CM Bono, C Diaz-Ledezma, G Camino-Willhuber, J Urrutia
Poster Tour

Hand and Wrist

11:30 AM - 12:30 PM
Incidence of Extensor Pollicis Longus Damage Occurring at the Time of Acute Distal Radius Fracture
A Huang, CL Laane, J Husseini, M Stam, NC Chen, R Balza

Guest Nation (Chile) II

1:30 PM - 2:30 PM
An International Consensus based on the Delphi Method to Define Failure of Medical Treatment in Pyogenic Spinal Infections
AG Guerrero Olivos, CM Bono, C Diaz-Ledeza, G Camino-Willhuber; J Urrutia